

an oxidant chamber (4), wherein said chambers (1) and (4) enclose said anode, cathode and electrolyte,

wherein said electrolyte (3) is a ceramic CSC (ceria salt composite) electrolyte with an operating temperature range of 300°-800°C and comprising at least one salt and at least one ceria phase.--

(Amend claim 2 as follows:)

--2. (amended) A fuel cell according to claim 1, wherein the electrolyte comprises salts selected from salts that makes the CSC material function as a specific conductor for particular ions.--

(Amend claim 3 as follows:)

--3. (twice amended) A fuel cell according to claim 1, wherein the electrodes comprise binary oxides selected from the group of binary oxides consisting of:  $A_xB_yO_z$  (A, B=Li, Mg, Ca, Sr, Cr, Fe, Co, Ni, Mn, Cu, Y, La, Ce, Zr, or Ti).--

(Amend claim 5 as follows:)

--5. (amended) A fuel cell according to claim 2, wherein the electrodes comprise binary oxides selected from